

## ABSTRACT

An automated optical inspection system having a marking system for marking areas of a board containing one or more defects with a mark or marks which are readily visible to the naked eye and which indicated the type of defect in the area being marked. Such systems may be formed from existing systems by attaching a light source to the system camera and using the light source to identify the portion of a board being inspected so that an operator can manually mark the board, or may be systems that include automated or semi-automated marking systems for marking the board.

[illegible]